

SEQUENCE LISTING

<110> Genovoxx GmbH
Cherkasov, Dmitry
Hennig, Christian

<120> Macromolecular Nucleotide Compounds and Methods for Using the Same

<130> 076030-0011

<140> 10/578,313

<141> 2006-05-04

<150> PCT/EP04/012556

<151> 2004-11-05

<150> 103 56 837.9

<151> 2003-12-05

<150> 103 51 636.0

<151> 2003-11-05

<160> 11

<170> PatentIn version 3.4

<210> 1

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<212> DNA

<213> Artificial

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<223> Primer, example 34A, modified on 5 prime-end by Cy3

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taatacgact cactataggg

20

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<212> DNA

<213> Artificial

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<223> Template, example 34A

<400> 2

agtttttagtt ttaccctata gtgagtcgta tta

33

<210> 3

<211> 35

<212> DNA

<213> Artificial

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<223> Primer, example 34B, modified at 5 prime -end by Cy3

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35

<210> 4

<211> 40

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, modified at 5 prime -end by Cy3

<400> 4

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40

<210> 5

<211> 50

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, example 34B, modified at 5 prime -end by Cy3

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50

<210> 6

<211> 270

<212> DNA

<213> Artificial

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<223> Polynucleotide with an average length of 270 nucleotides, example 34B

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60

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

120

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

180

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

240

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

270

<210> 7

<211> 50

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, example 34C, modified at 3 prime- end by biotin, attached via a TEG-linker

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aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa

50

<210> 8

<211> 35

<212> DNA

<213> Artificial

<220>

<223> Primer, example 35

<400> 8

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35

<210> 9

<211> 31

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, example 39, modified at 3 prime- end by an amino-group, at 5 prime- end by Cy3

<400> 9

tttttttttt tttttttttt tttttttttt t

31

<210> 10

<211> 31

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, example 30, modified at 3 prime- end by biotin, coupled via TEG-spacer

<400> 10

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31

<210> 11

<211> 30

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide, examples 27 and 32, modified at 3 prime- end by SH-group

<400> 11

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30